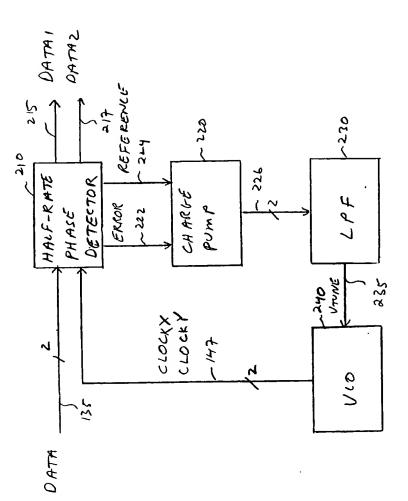
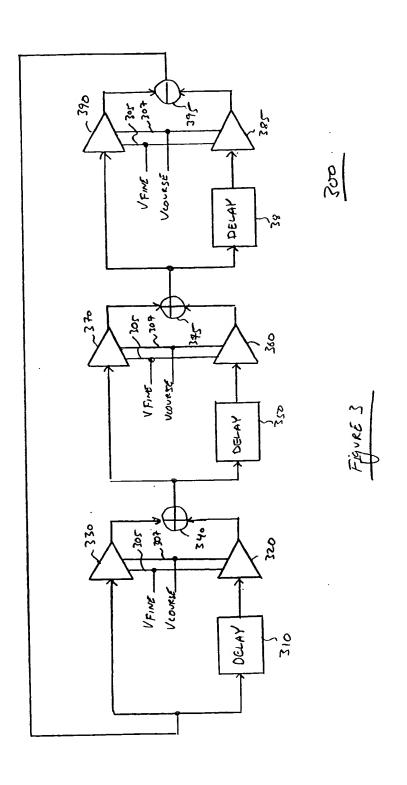
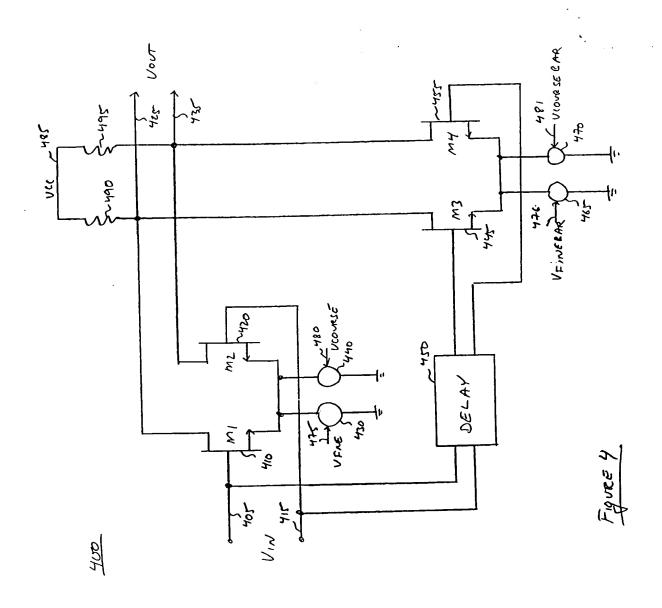


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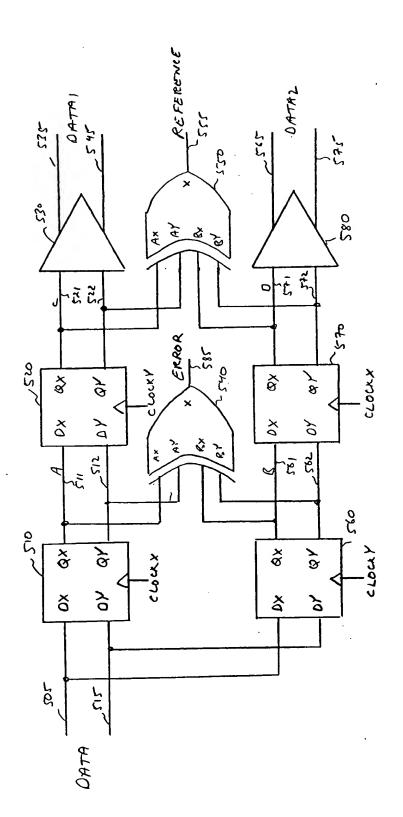
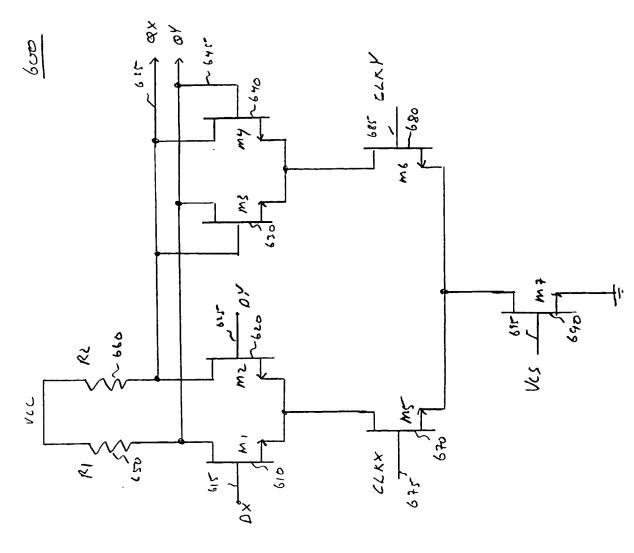
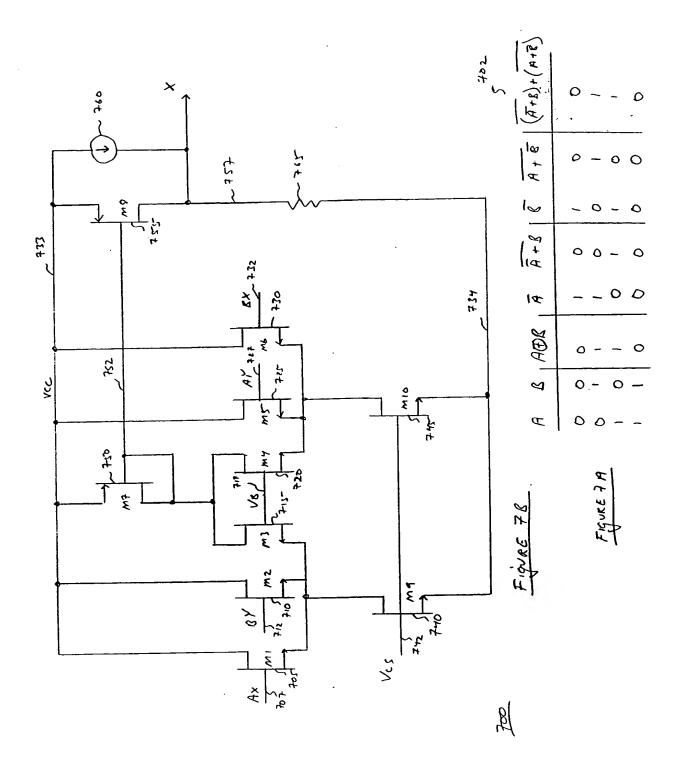
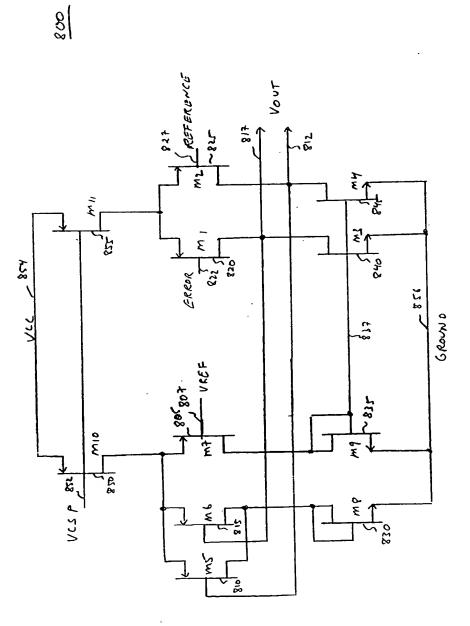


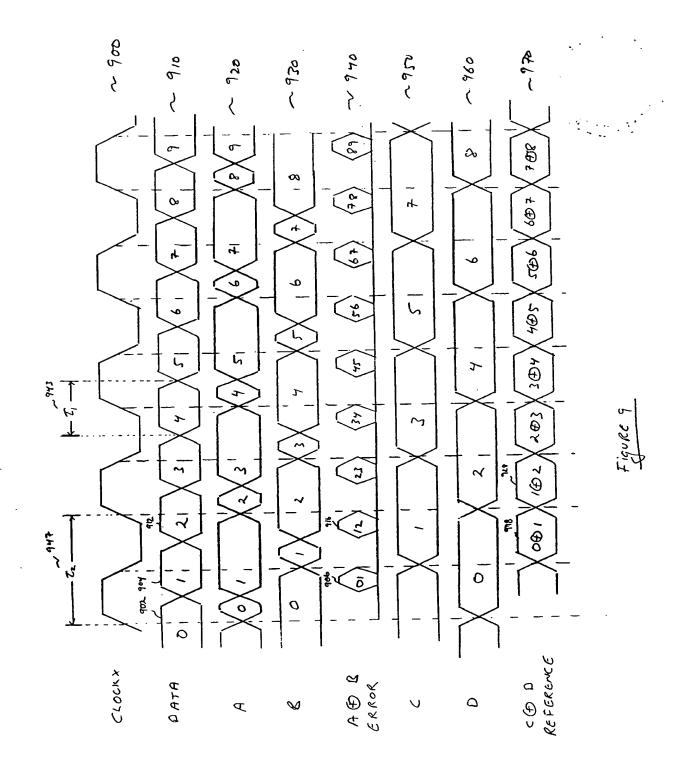
FIGURE S



norestrante.







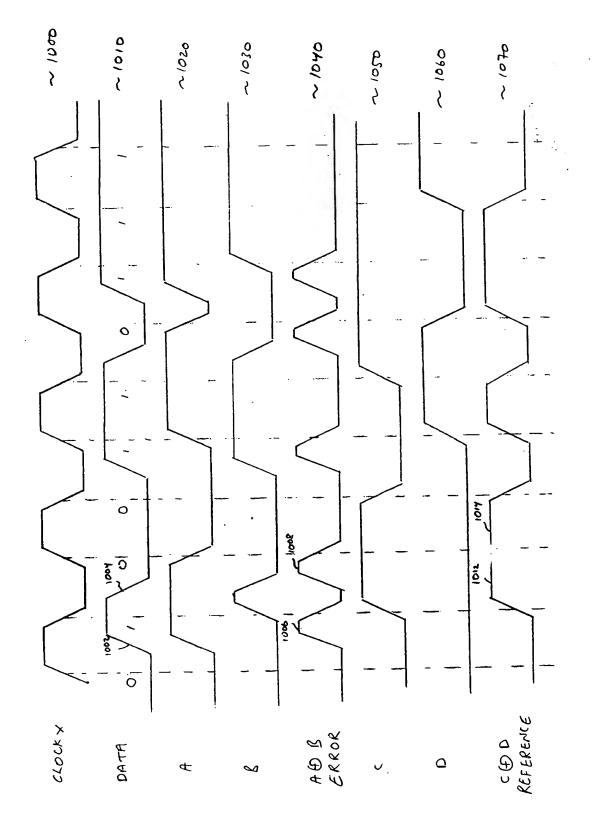


FiguRE 10

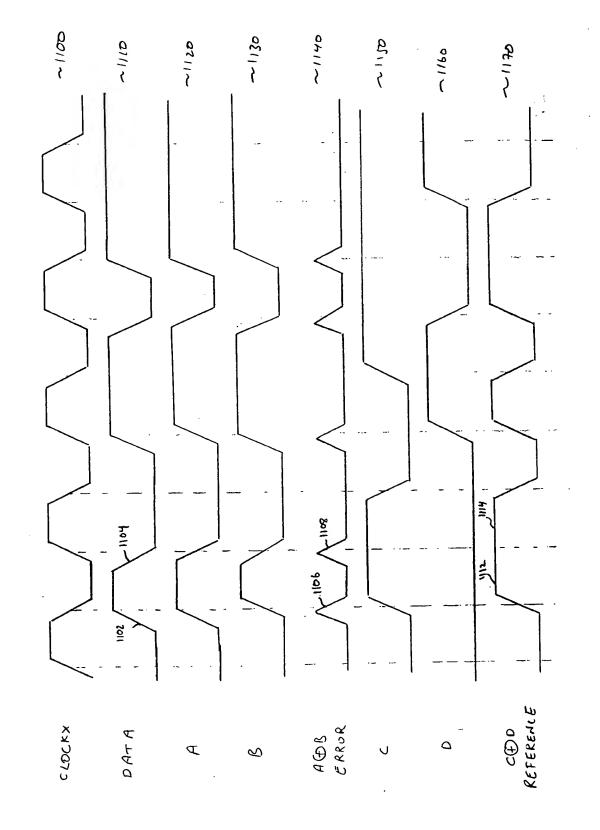
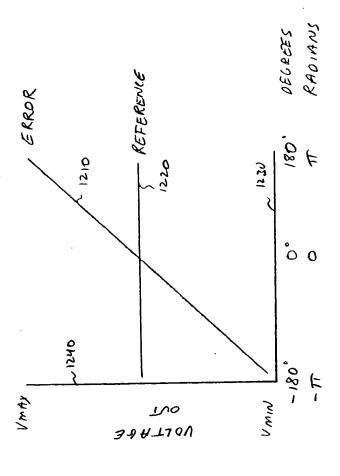


FIGURE 11



PHASE ERROR

		.:
		1300
	PROVIDE AN INPUT DATA SIGNAL, A CLOCK SIGNAL, AND A COMPREMENTARY CLOCK SIGNAL	~ 1310
	,	-
	APPLY THE INPUT DATA TO A FIRST LATCH CLOCKED BY THE CLOCK SIGNAL.	- 1320
	<u> </u>	
	APPLY THE INPUT DATA TO A SECOND LATCH CLOCKED BYTHE COMPLEMENTARY CLOCK SIGNAL	~ 1338
	APPLY THE OUTPUT OF THE FIRST LATCH. TO A FIRST XOR GATE AND A THIRD LATCH.	~13 <i>4</i> 0 ··· -··· ·
		<u> </u>
	APPLY THE OUTPUT OF THE SECOND LATCH TO THE FIRST YOR GATE AND A FOURTH LATCH	~\3 <u>\$</u> 0
		ا د مود د پُد منو د دیا ہے ۔ د مقد مقد دیو د دیا
	APPLY THE OUTPUT OF THE THIRD LATCH AND THE FOURTH LATCH TO A SET OND YOR GATE.	~1360
	OSE THE OUTPUT OF THE FIRST XOR DATE AS AN ERROR SIGNAL, THE OUTPUT OF THE	1370
	SECOND XOR GATE AS A REFERENCE SIGNAL, THE OUTPUT OF THE THIRD LATCH AS A	
·	FIRST DATA OUTPUT, AND THE GUTPUT OF THE FOURTH LATCH AS A SECOND DATA OUTPUT.	
	\	1
	SURTRACT THE ERROR SIGNAL FROM 1/2 THE REFERENCE SIGNAL, AND FILTER,	1380 FGVEE 13
	USE FILTER OUTPUT TO ADJUST CLOCK AND	1390